

CLAIMS

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent is:

- 1 1. A computing system including operating system
2 software configurable for controlling different
3 computer hardware, comprising:
4 (a) a processor;
5 (b) at least one storage device;
6 (c) a software operating system operable in a plurality of
7 different computer hardware configurations, the
8 software operating system having modifiable system
9 initialization information stored in the at least one
10 storage device; and
11 (d) a system enabler containing information for
12 configuring the software operating system for a
13 computer hardware configuration.
- 1 2. The computing system according to claim 1, wherein
2 the system enabler is stored in a nonvolatile read-
3 write memory storage device.
- 1 3. The computing system according to claim 1, wherein
2 the system enabler is stored in a read only memory.
- 1 4. The computing system according to claim 1, wherein
2 the system enabler includes selectable software
3 patches and resources.

1 5. The computing system according to claim 1, including
2 processor means for transferring the software
3 operating system and system enabler from a storage
4 device to a random access memory.

1 6. The computing system according to claim 1, including
2 a plurality of system enablers containing date and
3 hardware compatibility information.

1 7. The computing system according to claim 6, wherein
2 the software operating system utilizes a particular
3 system enabler.

1 8. A method for modifying a generic software operating
2 system to control a plurality of computer hardware
3 systems, comprising the steps of:
4 (a) storing a software operating system and a computer
5 hardware system enabler on a storage device;
6 (b) transferring the software operating system and
7 system enabler from the storage device; and
8 (c) modifying the software operating system, with
9 information from the system enabler file, to adapt the
10 software operating system for operation on a
11 computer hardware system.

- 1 9. The method of claim 8, including the steps of:
2 (a) storing a plurality of system enablers containing
3 computer hardware compatibility information and
4 selection criteria in computer system nonvolatile
5 read-write memory; and
6 (b) selecting from said plurality of system enablers a
7 system enabler file having compatible information
8 corresponding to a computer hardware configuration.
- 1 10. A method for providing a computing system, including
2 operating system software, configurable with a
3 system enabler to control different computers,
4 comprising the steps of:
5 (a) selecting a system enabler; and
6 (b) configuring the operating system software to control
7 a computer hardware configuration using the selected
8 system enabler.
- 1 11. The method of claim 10 wherein the system enabler is
2 stored in a nonvolatile read-write memory device.
- 1 12. The method of claim 10 wherein the system enabler is
2 stored in a read only memory.
- 1 13. The method of claim 10 wherein the system enabler
2 includes selectable software patches and resources.

- 1 14. The method of claim 10, including the step of
2 transferring the operating system software and
3 system enabler from a storage device to a random
4 access memory.
- 1 15. The method of claim 10, including the step of
2 providing a plurality of system enablers having
3 selection criteria and hardware compatibility
4 information.
- 1 16. The method of claim 15 wherein the software
2 operating system utilizes the system enabler with a
3 most recent date-time stamp.
- 1 17. The method of claim 10 wherein the system enabler
2 contains information corresponding to a machine
3 state.
- 1 18. The method of claim 17 wherein the software
2 operating system utilizes the system enabler with a
3 most recent date-time stamp.
- 1 19. The method of claim 10 wherein the system enabler
2 contains information corresponding to selection
3 criteria.
- 1 20. The method of claim 19 wherein the software
2 operating system utilizes the system enabler with a
3 most appropriate selection criteria.